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# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

FOR THE

### GARDIFF PORT SANITARY AUTHORITY,

FOR THE YEAR 1913.

Printed by Order of the Sanitary Authority.

1913  
1917 (containing Report)

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CARDIFF:  
S. GLOSSOP AND SONS, LTD., CARDIFF—19949

—  
1919



# Health and Port Sanitary Committee.

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COUNCILLOR AMOS CHILD KIRK, J.P.

*Chairman :*

ALDERMAN JAMES ROBINSON, L.R.C.S., L.R.C.P., I., J.P.

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## Medical Officer of Health's Department.

*Medical Officer of Health :*

EDWARD WALFORD, M.D., D.P.H.

*Assistant Medical Officer of Health :*

A. F. BERNARD SHAW, B.A., M.D., D.P.H.

*Chief Inspector of Nuisances, Inspector under D. of A. Acts, Canal Boats Acts, and Unsound Food Regulations :*

DAVID JENKINS, FELLOW S.I.A. AND ASSOCIATE R.S.I.

*Senior Assistant Inspector :*

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F. WOOD, ASSISTANT INSPECTOR OF NUISANCES.

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W. J. DAVIES, „ „ „

*Careraker—Flat Holm Hospitals :*

F. HARRIS.





# Cardiff Port Sanitary Authority.

95, BUTE STREET,

CARDIFF,

March, 1919.

## *To the Chairman and Members of the Cardiff Port Sanitary Authority.*

GENTLEMEN,

I have the honour to submit to you my Annual Report for the year 1918.

In view of the special conditions which prevail at the present time, it is considered advisable in the interests of economy to reduce the volume of the report for this year to the smallest possible compass.

The Local Government Board have issued a circular letter addressed to Medical Officers of Health, in which it is stated that having regard to the present circumstances "The Board consider that many of the details usually inserted in the Annual Report, may be omitted and that the report may be confined to a record of what has taken place during the year."

In compliance with the terms of this letter, this report will contain only a brief account of the routine work for the year in the Health department of the port.

**INFECTIOUS DISEASES.**—During the year ended December 31st, 1918, 40 notifications of Infectious Diseases were received, made up as follows:—

Measles	...	...	...	...	2
Phthisis	...	...	...	...	12
Typhoid Fever	...	...	...	...	26
					—
Total	...	...	...	...	40
					—

**CHOLERA, YELLOW FEVER AND PLAGUE.**—No Vessel entered the Port directly from an Infected Port during the year.

Your Committee are aware of the systematic destruction of rats which is carried on in your Port Sanitary District.

During the year, the rat-catchers were engaged on board 53 vessels and in 22 warehouses on the docks. The total number of rats caught and subsequently destroyed amounted to 12,798.

One hundred and fifty-three rats were submitted for bacteriological examination to the Cardiff and County Public Health Laboratory, with a view to detecting Plague infection and in each case a negative result was obtained.

**PREVENTION AND TREATMENT OF VENEREAL DISEASE.**—Regulations relating to this disease were made by the Local Government Board on the 12th July, 1916, enabling the Local Authority to make arrangements with the managers of hospitals approved by the Board for the treatment of Venereal Disease.

A further letter was issued with respect to the treatment of sailors coming within the jurisdiction of Port Sanitary Authorities.



In accordance with a scheme submitted to the Board by the Local Authority, arrangements were made with the Managers of the Royal Hamadryad Seamen's Hospital for the treatment of Venereal Disease amongst sailors as an out-patient clinic and as in-patients.

The actual date of the commencement of this work at the Hospital was the 16th April, 1917.

The following table shews the number of cases of Venereal Disease dealt with at this hospital since the scheme came into operation.

2ND QUARTER, 1917.						Males.
1.	No. of Persons attending for the first time	...	...	...	...	184
2.	Total attendances	...	...	...	...	2,442
3.	Aggregate number of in-patient days	...	...	...	...	862
						— 3,488
3RD QUARTER, 1917.						
1.	No. of Persons attending for the first time	...	...	...	...	197
2.	Total attendances	...	...	...	...	3,526
3.	Aggregate number of in-patient days	...	...	...	...	931
						— 4,654
4TH QUARTER, 1917.						
1.	No. of persons attending for the first time	...	...	...	...	191
2.	Total Attendances	...	...	...	...	1,223
3.	Aggregate number of in-patient days	...	...	...	...	899
						— 2,313
Total						10,455

1ST QUARTER, 1918.						Males.
1.	No. of persons attending for the first time	...	...	...	...	159
3.	Total attendances	...	...	...	...	1,160
3.	Aggregate number of in-patient days	...	...	...	...	1,031
						— 2,350
2ND QUARTER, 1918.						
1.	No. of persons attending for the first time	...	...	...	...	188
2.	Total Attendances	...	...	...	...	1,209
3.	Aggregate number of in-patient days	...	...	...	...	1,434
						— 2,831
3RD QUARTER, 1918.						
1.	No. of persons attending for the first time	...	...	...	...	225
2.	Total Attendances	...	...	...	...	1,052
3.	Aggregate number of in-patient days	...	...	...	...	1,827
						— 3,104
4TH QUARTER, 1918.						
1.	No. of persons attending for the first time	...	...	...	...	218
2.	Total attendances	...	...	...	...	940
3.	Aggregate number of in-patient days	...	...	...	...	1,005
						— 2,163
Total						10,448

SCABIES.--During the year, 84 cases of Scabies amongst seamen were treated at the Corporation Cleansing and Disinfecting Station.

EPIDEMIC OF INFLUENZA AND PNEUMONIA, 1918.—From May 15th to July 31st, and 19th September to 31st December, Influenza and Pneumonia were prevalent on board ships arriving in the Port and those lying in the various docks. In all cases patients were medically treated, and in most cases they were removed to Hospitals in the Red Cross Ambulances. The spaces occupied on board by the sick persons, together with all their effects, were disinfected by the Officers of the Port Sanitary Authority under the supervision of the Medical Officer of Health.



TABLE I.

DATE 1918	NAME OF SHIP	NATIONALITY	WHERE FROM	NATURE OF SICKNESS	GENERAL PARTICULARS.
Jan. 10	s.s. Graf Stroganoff	Russian	Murmansk	Malarial Fever	The Master reported on arrival that G. K., 23 years, fireman, was ill on board. He was medically examined and found to be suffering from Malarial Fever. Patient was removed to the Seamen's Hospital for treatment.
" 22	s.s. " Sirius "	Russian	"	Plithisis	Notification received from the Seamen's Hospital, that S. W., 18 years, fireman, was suffering from Plithisis. He was admitted on Jan. 14th, vessel lying at Barry Dock.
" 30	s.s. " Hermia "	British	Havre	Typhoid Fever	The Master reported on arrival that J. M., age 16 years, messroom steward, was ill on board. He was removed to the Seamen's Hospital, and on Feb. 4th patient was notified to be suffering from Typhoid Fever. His effects and bedding were subsequently removed from the hospital for disinfection. Vessel sailed previous to receiving notification.
Feb. 4	s.s. " Kul "	Norwegian	Rouen	Typhoid Fever	Notification received from the Seamen's Hospital, that J. J., age 32 years, a seaman, was suffering from Typhoid Fever. He was admitted on Jan. 2nd, having left the vessel at Swansea. His effects and bedding were subsequently removed from the hospital for disinfection.
March 15	s.s. " P.L.M. No. 7 "	French	St. Nazaire	Mumps	The Master reported that J. S., age 24 years, a gunner, was ill on board. Patient was medically examined and found to be suffering from Mumps. He was removed to the City Sanatorium.
April 9	s.s. " Banderas "	Spanish	Liverpool	Measles	The Master reported that J. I., age 21 years, cook, was ill on board. Upon examination patient was found to be suffering from Measles and as the vessel was about to leave for Spain, he was, at the Master's request, allowed to remain on board.





TABLE 1.—*continued.*

DATE 1918	NAME OF SHIP	NATIONALITY	WHERE FROM	NATURE OF SICKNESS	GENERAL PARTICULARS.
May 21	s.s. "Kerwood"	American	...	Phthisis	Notification received from the Seamen's Hospital, that K. P., age 20 years, a fireman, was suffering from Phthisis. He was admitted on May 16th, the vessel lying at Barry Dock.
" 25	s.s. "Agnes"	Norwegian	St. Malo	Phthisis	The Master reported on arrival, that K. B., age 35 years, scaman, was ill on board suffering from Phthisis. Patient was removed the following day to Glan Ely Hospital for treatment. He died on July 1st. His effects were destroyed at the Norwegian Consul's request and the berth on board disinfected.
" 26	s.s. "Clan Macaulay"	British	Liverpool	Phthisis	The Master reported on arrival that W. L., a fireman, was ill on board. Medical treatment was obtained, and patient died on May 30th. His effects and berth were disinfected.
June 3	s.s. "Havraise"	French	Bordeaux	Typhoid Fever	The Master reported on arrival that A. M., age 45 years, fireman, was ill on board. Patient was removed to the Seamen's Hospital, and on the 12th was notified to be suffering from Typhoid Fever. His effects and berth were disinfected, also bedding from the hospital. A sample of the drinking water proved on analysis to be contaminated, and the water tanks were emptied and cleansed.
" 5	s.s. "Ravenstone"	British	Barrow-in-Furness	Typhoid Fever	W. C., age 18 years, scaman, was admitted into the Seamen's Hospital on June 5th, having left his ship at Newport. On June 12th he was notified to be suffering from Typhoid Fever. His effects together with bed, bedding, etc., from the hospital were subsequently disinfected.
" 12	s.s. "Hibernia"	British	...	Phthisis	J. L., age 25 years, a scaman, was admitted into the Seamen's Hospital on April 19th having left his ship at Newport. On June 12th he was notified to be suffering from Phthisis. His effects and bed and bedding from the hospital were subsequently disinfected.





TABLE I continued.

DATE 1918	NAME OF SHIP	NATIONALITY	WHERE FROM	NATURE OF SICKNESS	GENERAL PARTICULARS.
June 12	s.s. "Trelawny"	British	Plymouth	Phthisis	W. B., age 23 years, fireman, was admitted into the Seamen's Hospital on June 3rd from a boarding house in the City, and on June 12th he was notified to be suffering from Phthisis. Vessel sailed previous to receiving notification. His effects together with bed and bedding from the hospital were disinfected.
" 14	s.s. "Dakrazan"	British	...	Phthisis	A. M., age 24 years, fireman, was admitted into the Seamen's Hospital on April 10th, having left his ship at London and staying at a boarding house in the city. On June 14th he was notified to be suffering from Phthisis. His effects, together with bed and bedding from the hospital, were subsequently disinfected.
" 14	s.s. "Tonnay"	French	Rocheport	Phthisis	J. D., age 37 years, fireman, was admitted into the Seamen's Hospital on May 24th. On June 14th he was notified to be suffering from Phthisis. Vessel sailed previous to receiving notification. His effects, together with bed and bedding from the hospital, were subsequently disinfected.
July 14	s.s. "Gambia"	British	London	Phthisis	The Master reported that T. J., age 27 years, fireman, was ill. Patient was medically attended on board, and on July 17th was removed to the Seamen's Hospital suffering from Phthisis. His effects and his berth on board were disinfected.
Aug. 2	s.s. "Wisley"	British	London	Phthisis	The Master reported on arrival that C. W., age 26 years, fireman, was ill on board. Patient was removed to the Seamen's Hospital and on the 16th was notified to be suffering from Phthisis. Vessel had sailed previous to receiving notification...
" 14	s.s. "Jules Hauzeur"	French	Santander	Dysentery	The Master reported that E. G., age 45 years, and J. P., a gunner, were being medically treated on board suffering from Dysentery. A sample of the drinking water proved on analysis to be of good quality.



TABLE I.—continued.

DATE	NAME OF SHIP	NATIONALITY	WHERE FROM	NATURE OF SICKNESS	GENERAL PARTICULARS.
Aug. 25	s.s. "Lake St. Regis"	American ...	St. Nazaire ...	Typhoid Fever ...	The Master reported on arrival that C. B., age 27 years, seaman, was ill. Patient was medically attended on board and was removed to the Seamen's Hospital on Aug. 28th. On Sept. 4th, he was notified to be suffering from Typhoid Fever. His berth was disinfected and a sample of the drinking water proved on analysis to be contaminated. The tanks were emptied and cleansed. Bed and bedding from the hospital and patient's effects were subsequently disinfected.
Sept. 8	s.s. "Orotava"	British ...	Dakar ...	Typhoid Fever ...	The Master reported that H. B., age 26 years, seaman, was ill on board. Patient was forthwith removed to the Seamen's Hospital, and on the 27th he was notified to be suffering from Typhoid Fever. Vessel sailed previous to receiving notification. Bed and bedding from the hospital were subsequently disinfected.
" 14	s.s. "Saint Nicholas"	French ..	Algiers, via Brest ...	Typhoid Fever ...	On Sept. 14th, the Master reported that S. C. and L. P., seamen, aged 26 years respectively, were ill on board. They were forthwith removed to the Seamen's Hospital, and on the 27th were notified to be suffering from Typhoid Fever. A sample of the drinking water, which was taken on arrival, proved on analysis to be of good quality. Patients' effects, together with bed and bedding from the hospital, were subsequently disinfected.
" 14	s.s. "Lake Frances"	American ..	Rouen ...	Typhoid Fever ...	The Master reported on arrival that D. O'G., age 26 years, seaman, was ill on board. He was removed to the Seamen's Hospital, and on the 27th he was notified to be suffering from Typhoid Fever. Vessel had sailed previous to receiving notification. Bed and bedding from the hospital were subsequently disinfected.
" 16	s.s. "Princesse Clementine"	Belgian ..	Bordeaux ...	Typhoid Fever ...	The Master reported on arrival that O. A., age 30 years, seaman, was ill on board. Patient was removed to the Seamen's Hospital on Sept. 17th, and on the 20th was notified to be suffering from Typhoid Fever. His berth was disinfected, and a sample of the drinking water proved on analysis to be of good quality. Bed and bedding from the hospital and patient's effects were subsequently disinfected.



TABLE I

DATE 1918	NAME OF SHIP	NATIONALITY	WHERE FROM	NATURE OF SICKNESS	GENERAL PARTICULARS.	
Oct. 1	s.s. "Maria Madre"	Italian	Bilbao	Typhoid Fever	...	On Oct. 1st, the Master reported that S. V., age 22 years, steward, was ill on board. He was forthwith removed to the Seamen's Hospital, and on the 7th he was notified to be suffering from Typhoid Fever. The fresh water tanks were emptied and cleansed at Bilbao. His effects, together with bed and bedding from the hospital, and his berth on board ship, were disinfected.
" 17	s.s. "War Shell"	British	Ardrossan	Typhoid Fever	...	T. E. A., age 21 years, seaman, was admitted into the Seamen's Hospital. On the 23rd he was notified to be suffering from Typhoid Fever. Vessel lying at Barry Dock. His effects, together with bed and bedding from the hospital, were subsequently disinfected.
" 17	s.s. "Hunsbrook"	British	Cherbourg	Typhoid Fever	...	W. McG., age 22 years, second officer, was admitted into the Seamen's Hospital. On the 23rd he was notified to be suffering from Typhoid Fever. Vessel had sailed previous to receiving notification. His effects together with bed and bedding from the hospital were subsequently disinfected.
" 22	s.s. Lake Conesus	American	Nantes	Typhoid Fever	...	The Master reported that F. P., age 28 years, fireman, was ill and was being medically attended on board. On the 25th he was removed to the Seamen's Hospital. Patient was notified on the 26th to be suffering from Typhoid Fever. Vessel had sailed previous to receiving notification. Bed, bedding and effects subsequently disinfected.
" 22	s.s. "Blois"	French	Bordeaux	Typhoid Fever	...	The Master reported on arrival that A. H., age 40 years, fireman, was ill on board. Patient was admitted to the Seamen's Hospital on the 23rd, and on the 27th he was notified to be suffering from Typhoid Fever and was forthwith removed to the City Sanatorium. Vessel had sailed previous to receiving notification. His effects, also bed and bedding from the hospital, were subsequently disinfected.





TABLE I.—continued.

DATE 1918	NAME OF SHIP	NATIONALITY	WHERE FROM	NATURE OF SICKNESS	GENERAL PARTICULARS.
Oct. 22	H.M. Hosp. s.s., "Kalyan"	British	Newport, Mon.	Typhoid Fever	The Master reported that J. L., age 26 years, was ill on board. He was removed to the Seamen's Hospital, and on the 23rd was notified to be suffering from Typhoid Fever. Vessel had sailed previous to receiving notification. Bed and bedding from the hospital was subsequently disinfected.
" 24	s.s. "Titti"	Swedish	Bilbao	Typhoid Fever	G. G., age 25 years, steward, was removed to the Seamen's Hospital Oct. 24th, and on Nov. 4th was notified to be suffering from Typhoid Fever. Vessel sailed previous to receiving notification. Patient's effects, together with bed and bedding from the hospital, were subsequently disinfected.
" 25	s.s. "Nazare"	Portuguese	"	Typhoid Fever	A. R. P., seaman, was admitted to the Seamen's Hospital Oct. 25th. On the 28th he was notified to be suffering from Typhoid Fever. The vessel lying at Barry Dock. Medical Officer of Health, Barry, notified. Patient's effects, together with bed and bedding from the hospital, were subsequently disinfected.
" 25	s.s. "Lake Capens"	American	Nantes	Typhoid Fever	W. G., age 51 years, fireman, was admitted to Seamen's Hospital, Oct. 25th, from the Sailors' Home, having left his ship some time previously. On Nov. 4th he was notified to be suffering from Typhoid Fever. Patient's effects, together with bed and bedding from the hospital, were subsequently disinfected. Vessel had sailed previous to receiving notification.
" 27	s.s. "Trebawke"	British	Buenos Aires, via Calais	Typhoid Fever	The Master reported on arrival that several of the crew were ill on board. They were medically examined and treated on board, except H. R., age 20 years, gunner, who was removed to the Seamen's Hospital. Patient was notified on Nov. 4th to be suffering from Typhoid Fever. Forecasts were disinfected, also patient's effects together with bed and bedding from the hospital. A sample of the drinking water proved on analysis to be of good quality.





TABLE 1 - *continued.*

DATE	NAME OF SHIP	NATIONALITY	WHERE FROM	NATURE OF SICKNESS	GENERAL PARTICULARS.
Oct. 28	" Marie Eugenie "	French	Redon	Typhoid Fever	The Master reported that J. L. R., age 18 years, seaman, was ill on board. He was forthwith removed to the Seamen's Hospital, and on Nov. 4th he was notified to be suffering from Typhoid Fever. His effects, together with bed and bedding from the hospital, were subsequently disinfected. Vessel had sailed previous to receiving notification.
" 28	s.s. " War Nymph "	British	"	Typhoid Fever	H. M. M., age 23 years, gunner, was admitted to the Seamen's Hospital on Oct. 28th, and on Nov. 4th he was notified to be suffering from Typhoid Fever. Vessel lying at Barry Dock. Medical Officer of Health, Barry, notified. Patient's effects, together with bed and bedding from the hospital, were subsequently disinfected.
" 31	s.s. " Kermoor "	American	"	Typhoid Fever	W. McL., age 26 years, gunner, was admitted to the Seamen's Hospital on Oct. 31st, and on Nov. 4th he was notified to be suffering from Typhoid Fever. Vessel lying at Barry Dock. Medical Officer of Health, Barry, notified. Patient's effects, together with bed and bedding from the hospital, were disinfected.
Nov. 2	s.s. " Pearl "	British	St. Malo	Phthisis	The Master reported on arrival that P. B., age 52 years, engineer, was ill on board. Patient was medically examined and found to be suffering from Phthisis. He was removed to Glan Ely Hospital on Nov. 4th. His berth and effects were disinfected.
" 4	s.s. " Roath "	British	New York, <i>via</i> Havre	Typhoid Fever	The Master reported on arrival that W. E., seaman, was left in hospital at Havre, where he died from Typhoid Fever. His effects were disinfected at this port and a sample of drinking water proved on analysis to be of good quality.



TABLE I.—continued.

DATE 1918	NAME OF SHIP	NATIONALITY	WHERE FROM	NATURE OF SICKNESS	GENERAL PARTICULARS.
Nov. 12	s.s. "Rosina"	British	London	Typhoid Fever	A. M., age 25 years, was admitted to the Seamen's Hospital on Nov. 12th, and on the 25th was notified to be suffering from Typhoid Fever. Vessel lying at Barry Dock. Medical Officer of Health, Barry, notified. His effects, together with bed and bedding from the hospital, were subsequently disinfected.
" 12	s.s. "Relilio"	British	Birkenhead	Typhoid Fever	The Master reported on arrival that J. H., age 42 years, fireman, was ill on board. Patient was medically examined and was removed to the Seamen's Hospital on the 18th. He was notified on the 25th to be suffering from Typhoid Fever. His effects, together with bed and bedding from the hospital, were subsequently disinfected. Vessel had sailed previous to receiving notification.
" 14	s.s. "City of Oxford"	British	Port Said, <i>via</i> Gibraltar and Milford Haven	Typhoid Fever	A. H. S., age 39 years, steward, was removed to the Seamen's Hospital. He had been medically treated on board since vessel's arrival on Oct. 30th. Patient was notified on Nov. 25th to be suffering from Typhoid Fever. His berth, effects, bed and bedding from the hospital were subsequently disinfected.
Dec. 7	s.s. "Annan"	British	Glasgow, <i>via</i> Belfast	Measles	The Master reported on arrival that J. McD., age 18 years, seaman, was ill on board. Upon examination it was found that he was suffering from Measles and was forthwith removed to the City Sanatorium. The forecabin and patient's effects were disinfected.
" 9	s.s. "Hassna"	British	" " " "	Phthisis	W. C., age 30 years, fireman, was admitted to the Seamen's Hospital on Dec. 9th, from a boarding house in the city, having left his ship at another port. He was notified on Dec. 16th to be suffering from Phthisis. His effects, together with bed and bedding from the hospital, were subsequently disinfected.



## INSPECTION OF SHIPPING.

During the year, six thousand, seven hundred and sixty-four vessels were inspected on arrival. Two thousand, eight hundred and sixty-seven extra inspections were made of work in hand and ships in dock, making a total of nine thousand, six hundred and thirty-one inspections.

One hundred and thirty-nine written notices were served on masters of vessels in respect of nuisances; five hundred and forty-three verbal orders were given and sixteen letters were sent to owners or their representatives at various ports in this country in connection with nuisances and sanitary defects on board ships. One hundred and thirty-seven samples of drinking water from vessels entering, also from H.M. Transports taking drinking water at this Port, were taken and submitted to the bacteriologist at the Cardiff and County Public Health Laboratory for examination. One hundred and four were found to be of good quality and thirty-three contaminated. Thirty-three notices were served on masters of vessels having contaminated water on board for drinking and domestic purposes, as the result of these examinations. All tanks containing impure water were emptied and cleansed and a fresh supply taken on board.

The following Table shews the number of vessels, from foreign and coastwise, inspected during the year 1918.

TABLE II.

					NUMBER INSPECTED	NUMBER DEFECTIVE	NUMBER OF ORDERS ISSUED
FROM FOREIGN ...	{	Steamships	...	...	2,981	337	337
		Sailing Ships	...	...	552	104	104
		Fishing	...	...	...	...	...
					3,533	441	441
COASTWISE ...	{	Steamships	...	...	2,269	177	177
		Sailing Ships	...	...	911	25	25
		Fishing	...	...	51	...	...
					3,231	202	202
Total Foreign and Coastwise ...					6,764	643	643

During the year ended December 31st, 1918, 7,462 articles of clothing belonging to seamen were disinfected by the Port Sanitary Authority and 514 dirty or infected beds were destroyed.





The following Table shows the number and nationality of the vessels on which structural defects and other nuisances were detected :—

TABLE III.

NATIONALITY	Number of ships.	Defective side ports and portholes.	Defective water closets.	Defective bulkheads and floors in crew's spaces.	Defective and leaky hose pipes and cable casings.	Defective or unlined iron decks over berths.	Defective stores, funnels and flanges in crew's spaces.	Defective ventilation.	Defective ventilation to deck water closets.	Dirty water casks and tanks.	Defective water casks and tanks.	Defective lamps.	Defective lighting.	Defective coals and ventilators in crew's spaces.	Defective drainage.	Leaky decks over berths.	Roul bilges and peaks.	Ship's stores kept in crew's spaces.	Food accumulations.	Water closets and paint lockers adjoining and ventilating into crew's spaces.	Want of wood floors in crew's spaces.	Dirty fore-castes and berths.	Dirty water closets.	CASES.	REMEDIED
American ...	11	...	2	1	...	...	...	1	1	3	...	...	...	...	2	...	...	...	...	2	...	6	5	23	23
Belgian ...	6	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	6	1	12	12
Brazilian ...	3	...	...	...	...	...	...	...	...	...	...	...	3	...	2	1	2	...	1	1	...	...	...	10	8
British ...	364	182	85	10	42	13	64	40	9	13	3	2	5	31	49	39	4	8	7	42	10	528	46	1232	1220
Danish ...	6	...	4	...	...	...	...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	1	8	8	8
French ...	139	5	13	...	4	8	18	29	5	...	...	16	4	3	7	7	1	4	...	7	10	95	8	244	243
Greek ...	15	...	8	2	2	4	...	8	1	...	...	...	1	9	4	...	...	...	...	4	2	11	2	58	58
Italian ...	2	2	1	...	...	1	1	1	...	...	...	...	1	...	...	1	...	...	...	...	2	2	...	12	12
Norwegian ...	54	11	12	6	6	...	13	14	3	...	...	...	...	1	10	6	1	...	2	6	...	12	7	110	102
Portuguese ...	15	2	15	...	1	...	3	5	9	...	...	...	1	1	...	2	1	...	2	...	1	4	3	50	5
Roumanian ..	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	5	5	5
Russian ...	3	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	4	4	4
Spanish ...	19	10	12	2	7	2	4	20	...	...	...	...	2	3	4	1	...	...	...	4	...	16	...	89	89
Swedish ...	5	...	4	2	...	...	...	...	...	...	...	...	...	7	...	...	...	1	2	...	4	...	20	20	20
Totals ...	643	214	158	23	64	28	104	119	28	16	3	18	17	58	78	58	10	12	13	68	25	688	75	1877	1854

## FOOD INSPECTION.

## IMPORTATION OF FROZEN MEAT.

The following Table shows the quantity of Frozen Meat landed in the Port during the year 1918, under the Public Health (Foreign Meat) Regulations, of 1908 and 1909, respectively.

TABLE IV.

Date. 1918.	Name of Ship and where from.	Beef. Fore & Hind quarters.	Mutton and Lamb carcases.	Offal. (Bags and Cases.)	Boneless Beef (Cases.)
Feb. 13	s.s. " Highland Laddie " ... Buenos Aires via Corunna.	23,985	18,673	7,220	...
Mar. 12	s.s. " Ulua," Halifax, N.S. ...	28,137	...	...	...
May 22	s.s. " Karamea," St. Johns, N.F. ...	25,784	...	4,373	18,450
July 31	s.s. " Durham Castle," Montreal ...	880	...	...	...
Aug. 13	s.s. " Orvieto," Rio de Janeiro ...	13,667	...	...	...
Nov. 17	s.s. " La Rosarina " ... Buenos Aires via Southampton.	27,031	6,551	...	...
Totals	6	119,484	25,224	11,593	18,450





## THE PUBLIC HEALTH (REGULATIONS AS TO FOOD) ACT, 1907.

The following Table gives particulars of food dealt with during the year ended December 31st, 1918, under the Unsound Food and Foreign Meat Regulations.

TABLE V.

Description of Articles destroyed or otherwise dealt with.						Tons.	Cwts.	Lbs.
Apples	...	...	...	...	...	18	2	...
Beef (Canned)	...	...	...	...	...	3	2	74
Beef (Salted)	...	...	...	...	...	...	1	60
Beef and Mutton (Frozen)	...	...	...	...	...	19	15	90
Biscuits	...	...	...	...	...	...	1	56
Cheese	...	...	...	...	...	2	5	20
Fish	...	...	...	...	...	5	7	...
Flour	...	...	...	...	...	...	6	28
Fruit (Canned)	...	...	...	...	...	...	...	8
Grapes	...	...	...	...	...	4	4	106
Lemons	...	...	...	...	...	4	...	56
Maize Meal	...	...	...	...	...	3	10	56
Milk (Canned)	...	...	...	...	...	...	2	46
Oats...	...	...	...	...	...	500	3	...
Onions	...	...	...	...	...	18	10	56
Oranges	...	...	...	...	...	83	13	56
Pork (Canned)	...	...	...	...	...	...	1	44
Potatoes	...	...	...	...	...	100	9	84
Seedles	...	...	...	...	...	1	5	...
Tomatoes (Canned)	...	...	...	...	...	...	...	87
Tongue (Canned, Lunch)	...	...	...	...	...	...	6	82 <sup>3</sup>
Wheat	...	...	...	...	...	529 <sup>4</sup>	12	104
Total						1,295	3	105 <sup>3</sup>



DISEASES OF ANIMALS ACTS, 1894 to 1914.  
(And the Orders of the Board of Agriculture and Fisheries made thereunder.)

THE CANINE ANIMALS ORDER, 1909, AND THE IMPORTATION OF DOGS  
ORDER, 1914.

During the year 1919, one fox and 1,133 dogs were imported from foreign countries, either directly or indirectly.

Proceedings were taken on August 20th, 1919, against the Master of one vessel for non-compliance with Sec. 10 of the Importation of Dogs Order, 1914. A fine of £1 and costs or 14 days' imprisonment was imposed.

FOREIGN ANIMALS ORDER, 1910.

During the year, fifty-six vessels arrived at this Port with the following animals on board from scheduled countries, viz. :—

Cattle, 14 ; Sheep, 118 ; Goats, 4 ; Swine, 53 ; Total, 189.

(An Order of the Board of Agriculture and Fisheries, dated December 18th, 1917, No. 9907, was issued suspending the operation of Section 2 of the Foreign Animals Order, 1910, relating to the Importation of Animals, for an indefinite period.)

CANAL BOATS ACT, 1884.

During the year, 129 Canal Boats were inspected by Inspector D. Jenkins, Canal Boat Inspector. Eighty-four were found in good condition and twenty-eight in fair condition. Seventeen were found with nuisances existing on board and verbal orders were given for abatement. In all other respects the Act was complied with.

I wish to record my thanks for the willing assistance given by H.M. Collector of Customs and his staff ; also the Dockmasters of the Cardiff and Penarth Docks and their officers as well as to the Superintendent of the Cardiff Railway Company's Police and his staff, which has been greatly appreciated by all the Officials of the Medical Officer of Health's Department.

I have the honour to be, Gentlemen,

Your obedient Servant,

EDWARD WALFORD,

*Medical Officer of Health for the Cardiff  
Port Sanitary District.*





